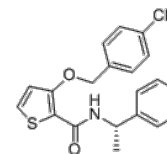


Product Name : AS1949490
Cat. No. : PC-70136
CAS No. : 1203680-76-5
Molecular Formula : C₂₀H₁₈ClNO₂S
Molecular Weight : 371.88
Target : Protein Phosphatase/PTP
Solubility : 10 mM in DMSO



Biological Activity

AS1949490 (AS 1949490) is a potent, selective **SHIP2** inhibitor with IC₅₀ of 0.34/0.62 μM for mouse/human SHIP2.

AS1949490 displays 30-fold selectivity over SHIP1, and other intracellular phosphatases.

AS1949490 increases the phosphorylation of Akt, glucose consumption and glucose uptake in L6 myotubes and suppresses gluconeogenesis in FAO hepatocytes.

References

Suwa A, et al. *Br J Pharmacol*. 2009 Oct;158(3):879-87.

Ichihara Y, et al. *Eur J Med Chem*. 2013 Apr;62:649-60.

Caution: Product has not been fully validated for medical applications. Lab Use Only!

E-mail: tech@probechem.com